

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|--|----|------------------|
| - | 17480 | ((BALLOON ADJ PREFORM) OR BALLOON) | | 2000/09/13 09:51 |
| - | 4980 | (((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) | | 2000/09/13 10:01 |
| - | 6044 | (((((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)) | | 2000/09/13 10:02 |
| - | 2237 | ((((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS))) | | 2001/06/28 17:30 |
| - | 261 | (((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2)) | | 2000/09/13 10:07 |
| - | 203 | ((((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2))) AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS))) | | 2000/09/13 10:08 |
| - | 44 | (((((((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2))) AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))))) | | 2000/09/13 10:09 |
| - | 12 | ((((((((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2))) AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))))) AND DRAW)) AND MOLD\$3) | | 2000/09/13 10:12 |
| - | 0 | ((((((((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2))) AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))))) not "12" | | 2000/09/13 10:12 |
| - | 13 | ((((((((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2))) AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))))) AND DRAW) | | 2000/09/13 10:15 |
| - | 32 | ((((((((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2))) AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))))) NOT (((((((((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2))) AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) AND (((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))))) AND DRAW)) AND MOLD\$3))) | | 2000/09/13 10:25 |

| | | | | |
|---|-----|---|--|------------------|
| - | 159 | (((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) NOT ((((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GLASS ADJ TRANSITION) ADJ TEMPERATURE\$2))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))))) | | 2000/09/13 16:05 |
| - | 2 | ("5948345" OR "5807520").PN. | | 2000/09/13 16:05 |
| - | 16 | ("5948345" OR "5807520" OR "5714110" OR "5891386" OR "5556383" OR "5498377" OR "5441489" OR "5273706" OR "5094806" OR "5746968" OR "5500180" OR "5490839" OR "5223205" OR "5156612" OR "5017325" OR "4963313").PN. | | 2000/09/13 16:10 |
| - | 16 | ((("5948345" OR "5807520" OR "5714110" OR "5891386" OR "5556383" OR "5498377" OR "5441489" OR "5273706" OR "5094806" OR "5746968" OR "5500180" OR "5490839" OR "5223205" OR "5156612" OR "5017325" OR "4963313").PN.) AND THICKNESS) | | 2000/09/13 16:26 |
| - | 16 | (((((("5948345" OR "5807520" OR "5714110" OR "5891386" OR "5556383" OR "5498377" OR "5441489" OR "5273706" OR "5094806" OR "5746968" OR "5500180" OR "5490839" OR "5223205" OR "5156612" OR "5017325" OR "4963313").PN.) AND THICKNESS)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR CUT\$3 OR TURN\$3 OR REMOV\$3)) | | 2000/09/13 16:29 |
| - | 16 | (((((("5948345" OR "5807520" OR "5714110" OR "5891386" OR "5556383" OR "5498377" OR "5441489" OR "5273706" OR "5094806" OR "5746968" OR "5500180" OR "5490839" OR "5223205" OR "5156612" OR "5017325" OR "4963313").PN.) AND THICKNESS)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR CUT\$3 OR TURN\$3 OR REMOV\$3))) AND (DRAW\$3 OR MOLD\$3)) | | 2000/09/13 16:30 |
| - | 16 | ((((((("5948345" OR "5807520" OR "5714110" OR "5891386" OR "5556383" OR "5498377" OR "5441489" OR "5273706" OR "5094806" OR "5746968" OR "5500180" OR "5490839" OR "5223205" OR "5156612" OR "5017325" OR "4963313").PN.) AND THICKNESS)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR CUT\$3 OR TURN\$3 OR REMOV\$3))) AND (DRAW\$3 OR MOLD\$3))) AND TEMPERATURE\$2) | | 2000/09/13 16:30 |
| - | 0 | ((((((("5948345" OR "5807520" OR "5714110" OR "5891386" OR "5556383" OR "5498377" OR "5441489" OR "5273706" OR "5094806" OR "5746968" OR "5500180" OR "5490839" OR "5223205" OR "5156612" OR "5017325" OR "4963313").PN.) AND THICKNESS)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR CUT\$3 OR TURN\$3 OR REMOV\$3))) AND (DRAW\$3 OR MOLD\$3))) AND TEMPERATURE\$2)) and (transition adj glass) | | 2000/09/13 16:31 |
| - | 16 | ((((((("5948345" OR "5807520" OR "5714110" OR "5891386" OR "5556383" OR "5498377" OR "5441489" OR "5273706" OR "5094806" OR "5746968" OR "5500180" OR "5490839" OR "5223205" OR "5156612" OR "5017325" OR "4963313").PN.) AND THICKNESS)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR CUT\$3 OR TURN\$3 OR REMOV\$3))) AND (DRAW\$3 OR MOLD\$3))) AND TEMPERATURE\$2)) AND (GLASS ADJ TRANSITION)) | | 2000/09/13 17:21 |

| | | | |
|---|-------|--|------------------|
| - | 2 | (((((("5948345" OR "5807520" OR "5714110" OR "5891386" OR "5556383" OR "5498377" OR "5441489" OR "5273706" OR "5094806" OR "5746968" OR "5500180" OR "5490839" OR "5223205" OR "5156612" OR "5017325" OR "4963313").PN.) AND THICKNESS)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR CUT\$3 OR TURN\$3 OR REMOV\$3))) AND (DRAW\$3 OR MOLD\$3))) AND TEMPERATURE\$2)) AND (GLASS ADJ TRANSITION))) AND (balloon ADJ preform)) | 2000/09/13 17:23 |
| - | 1 | "6024752".PN. | 2000/09/13 17:24 |
| - | 0 | "Re32983 Re33561 4413989 4456000 4490421 4906244 4963313 5087394 5108415 5156612 5270086 5304340 5334146 5358486 5415635 5443495 5447497 5470313 5512051 5514092 5556383 5733301 ".PN. | 2000/09/13 17:28 |
| - | 22 | (RE32983 OR RE33561 OR "4413989" OR "4456000" OR "4490421" OR "4906244" OR "4963313" OR "5087394" OR "5108415" OR "5156612" OR "5270086" OR "5304340" OR "5334146" OR "5358486" OR "5415635" OR "5443495" OR "5447497" OR "5470313" OR "5512051" OR "5514092" OR "5556383" OR "5733301").PN. | 2000/09/13 18:46 |
| - | 1 | "5587125".PN. | 2000/09/13 18:49 |
| - | 1 | "5514092".PN. | 2000/09/13 18:49 |
| - | 13531 | (PARISON OR (PREFORM NEAR BALLOON)) | 2001/06/28 17:27 |
| - | 2775 | ((PARISON OR (PREFORM NEAR BALLOON))) AND TUB\$3) | 2000/09/14 14:43 |
| - | 1756 | (((((PARISON OR (PREFORM NEAR BALLOON))) AND TUB\$3)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR REMOV\$3)) | 2000/09/14 14:45 |
| - | 1469 | (((((PARISON OR (PREFORM NEAR BALLOON))) AND TUB\$3)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR REMOV\$3))) AND END\$2) | 2000/09/14 17:10 |
| - | 177 | (((((PARISON OR (PREFORM NEAR BALLOON))) AND TUB\$3)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR REMOV\$3))) AND END\$2)) AND (GLASS ADJ TRANSITION)) | 2000/09/14 14:48 |
| - | 167 | (((((PARISON OR (PREFORM NEAR BALLOON))) AND TUB\$3)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR REMOV\$3))) AND END\$2)) AND (GLASS ADJ TRANSITION))) AND ((GLASS ADJ TRANSITION) ADJ TEMPERATURE)) | 2000/09/14 14:52 |
| - | 153 | (((((PARISON OR (PREFORM NEAR BALLOON))) AND TUB\$3)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR REMOV\$3))) AND END\$2)) AND (GLASS ADJ TRANSITION))) AND ((GLASS ADJ TRANSITION) ADJ TEMPERATURE))) AND POLYMER\$3) | 2000/09/14 14:53 |
| - | 14 | ((623/\$.CCLS. OR 606/\$.CCLS. OR 600/\$.CCLS. OR 604/\$.CCLS.) AND ((((((PARISON OR (PREFORM NEAR BALLOON))) AND TUB\$3)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR REMOV\$3))) AND END\$2)) AND (GLASS ADJ TRANSITION))) AND ((GLASS ADJ TRANSITION) ADJ TEMPERATURE))) AND POLYMER\$3) | 2000/09/14 17:08 |
| - | 132 | (((((PARISON OR (PREFORM NEAR BALLOON))) AND TUB\$3)) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR REMOV\$3))) AND END\$2)) AND MEDICAL) | 2000/09/14 17:11 |
| - | 5821 | (BALLOON AND (GRIND\$3 OR ETCH\$3 OR TURN\$3) AND TUB\$3 AND END\$2) | 2000/09/14 21:45 |
| - | 866 | (BALLOON AND (GRIND\$3 OR ETCH\$3) AND ((BALLOON AND (GRIND\$3 OR ETCH\$3 OR TURN\$3) AND TUB\$3 AND END\$2)) AND TUB\$3 AND END\$2) | 2000/09/14 21:50 |
| - | 277 | ((BALLOON AND (GRIND\$3 OR ETCH\$3) AND ((BALLOON AND (GRIND\$3 OR ETCH\$3 OR TURN\$3) AND TUB\$3 AND END\$2)) AND TUB\$3 AND END\$2)) AND ((GRIND\$3 OR ETCH\$3) SAME END\$2)) | 2000/09/14 21:58 |

| | | | | |
|---|------|--|--------------------|------------------|
| - | 101 | ((BALLOON AND (GRIND\$3 OR ETCH\$3) AND ((BALLOON AND (GRIND\$3 OR ETCH\$3 OR TURN\$3) AND TUB\$3 AND END\$2)) AND TUB\$3 AND END\$2)) AND ((GRIND\$3 OR ETCH\$3) WITH END\$2)) | | 2000/09/14 22:01 |
| - | 22 | ((BALLOON AND (GRIND\$3 OR ETCH\$3) AND ((BALLOON AND (GRIND\$3 OR ETCH\$3 OR TURN\$3) AND TUB\$3 AND END\$2)) AND TUB\$3 AND END\$2)) AND ((GRIND\$3 OR ETCH\$3) WITH TUB\$3 WITH END\$2)) | | 2000/09/14 22:02 |
| - | 2 | ("5447497" "5807520").pn. | USPAT | 2000/11/28 12:41 |
| - | 31 | balloon adj preform\$2 | USPAT | 2000/11/28 12:45 |
| - | 28 | (balloon adj preform\$2) and remov\$4 | USPAT | 2000/11/28 12:46 |
| - | 4708 | balloon and wall and thickness | USPAT | 2000/11/29 11:05 |
| - | 1585 | (balloon and wall and thickness) and constant | USPAT | 2000/11/29 11:06 |
| - | 24 | ((balloon and wall and thickness) and constant) and (constant adj wall adj thickness) | USPAT | 2000/11/29 11:06 |
| - | 11 | (balloon adj preform) and thermoplastic and (tube tubing) | USPAT; US-PGPUB | 2001/06/28 16:37 |
| - | 4 | ((balloon adj preform) and thermoplastic and (tube tubing) and (glass adj transition adj temperature) | USPAT; US-PGPUB | 2001/06/28 16:30 |
| - | 7 | ((balloon adj preform) and thermoplastic and (tube tubing) not (((balloon adj preform) and thermoplastic and (tube tubing) and (glass adj transition adj temperature)) | USPAT; US-PGPUB | 2001/06/28 16:37 |
| - | 4645 | (PARISON OR (PREFORM NEAR BALLOON)) | USPAT; US-PGPUB | 2001/06/28 18:37 |
| - | 1922 | ((PARISON OR (PREFORM NEAR BALLOON))) and thermoplastic | USPAT; US-PGPUB | 2001/06/28 18:37 |
| - | 2450 | (((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS))) | USPAT; US-PGPUB | 2001/06/28 18:39 |
| - | 46 | (((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS))) and parison | USPAT; US-PGPUB | 2001/06/28 17:34 |
| - | 34 | (((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS))) and ((PARISON OR (PREFORM NEAR BALLOON))) and thermoplastic) | USPAT; US-PGPUB | 2001/06/28 17:35 |
| - | 49 | (((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS))) and parison) ((((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS))) and ((PARISON OR (PREFORM NEAR BALLOON))) and thermoplastic) | USPAT; US-PGPUB | 2001/06/28 17:36 |
| - | 49 | (((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS))) and parison) ((((((BALLOON ADJ PREFORM) OR BALLOON)) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS))) and ((PARISON OR (PREFORM NEAR BALLOON))) and thermoplastic) | USPAT; US-PGPUB | 2001/06/28 17:39 |

| | | | | |
|---|--------|---|--------------------|------------------|
| - | 49 | (((((BALLOON ADJ PREFORM) OR BALLOON))) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) and parison) ((((((BALLOON ADJ PREFORM) OR BALLOON))) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) and (((PARISON OR (PREFORM NEAR BALLOON))) and thermoplastic)) and (grind\$3 etch\$4 remov\$3 thin\$4 turn\$4) | USPAT; US-PGPUB | 2001/06/28 18:02 |
| - | 2175 | (((((BALLOON ADJ PREFORM) OR BALLOON))) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) and (tube tubing) | USPAT; US-PGPUB | 2001/06/28 19:02 |
| - | 49 | (((((BALLOON ADJ PREFORM) OR BALLOON))) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) and (tube tubing)) and ((balloon adj preform) parison) | USPAT; US-PGPUB | 2001/06/28 18:08 |
| - | 34 | ((PARISON OR (PREFORM NEAR BALLOON))) and thermoplastic) and ((((((BALLOON ADJ PREFORM) OR BALLOON))) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) | USPAT; US-PGPUB | 2001/06/28 18:37 |
| - | 6 | (PARISON OR (PREFORM NEAR BALLOON)) and thermoplastic | USPAT; US-PGPUB | 2001/06/28 18:38 |
| - | 1922 | (PARISON OR (PREFORM NEAR BALLOON)) and thermoplastic | USPAT; US-PGPUB | 2001/06/28 18:39 |
| - | 34 | (((((BALLOON ADJ PREFORM) OR BALLOON))) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) and ((PARISON OR (PREFORM NEAR BALLOON)) and thermoplastic) | USPAT; US-PGPUB | 2001/06/28 18:41 |
| - | 0 | (((((BALLOON ADJ PREFORM) OR BALLOON))) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) and ((PARISON OR (PREFORM NEAR BALLOON)) and thermoplastic)) not (((PARISON OR (PREFORM NEAR BALLOON))) and thermoplastic) and ((((((BALLOON ADJ PREFORM) OR BALLOON))) AND ((GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) NEAR12 (MIDDLE OR CENTER OR END\$2)))) AND (((BALLOON ADJ PREFORM) OR BALLOON)) AND THICKNESS)))) | USPAT; US-PGPUB | 2001/06/28 18:41 |
| - | 479565 | (tube tubing) and (remov\$4 thin\$4 etch\$4 grind\$4 turn\$4) | USPAT; US-PGPUB | 2001/06/28 18:54 |
| - | 16 | ((tube tubing) and (remov\$4 thin\$4 etch\$4 grind\$4 turn\$4)) and (balloon adj preform) | USPAT; US-PGPUB | 2001/06/28 18:45 |
| - | 16 | ((tube tubing) and (remov\$4 thin\$4 etch\$4 grind\$4 turn\$4)) and (balloon adj preform) | USPAT; US-PGPUB | 2001/06/28 18:45 |
| - | 16 | (tube tubing) and (remov\$4 thin\$4 etch\$4 grind\$4 turn\$4) and (balloon adj preform) | USPAT; US-PGPUB | 2001/06/28 18:55 |
| - | 0 | ((tube tubing) and (remov\$4 thin\$4 etch\$4 grind\$4 turn\$4)) and (balloon adj preform)) not ((tube tubing) and (remov\$4 thin\$4 etch\$4 grind\$4 turn\$4) and (balloon adj preform)) | USPAT; US-PGPUB | 2001/06/28 18:56 |
| - | 15 | (BALLOON ADJ PREFORM) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) AND THICKNESS and (tube tubing) | USPAT; US-PGPUB | 2001/06/28 19:04 |

| | | | | |
|---|------|---|--------------------|------------------|
| - | 0 | ((BALLOON ADJ PREFORM) AND (GRIND\$3 OR ETCH\$3 OR THIN\$4 OR TURN\$3 OR REMOV\$3) AND THICKNESS and (tube tubing)) not ((tube tubing) and (remov\$4 thin\$4 etch\$4 grind\$4 turn\$4) and (balloon adj preform)) | USPAT; US-PGPUB | 2001/06/28 19:04 |
| - | 8235 | (manufactur\$4 mak\$4 construct\$4) and balloon\$2 and catheter\$2 | USPAT; US-PGPUB | 2001/06/28 19:58 |
| - | 9071 | balloon\$2 and catheter\$2 | USPAT; US-PGPUB | 2001/06/28 19:59 |
| - | 3619 | balloon\$2 and catheter\$2 and (606/\$.ccls. 604/ccls.) | USPAT; US-PGPUB | 2001/06/28 19:59 |
| - | 2763 | (balloon\$2 and catheter\$2 and (606/\$.ccls. 604/ccls.)) and expand\$4 | USPAT; US-PGPUB | 2001/06/28 20:03 |
| - | 16 | (balloon\$2 and catheter\$2 and (606/\$.ccls. 604/ccls.)) and expand\$4 and thickness and cone\$2 and waist\$2 | USPAT; US-PGPUB | 2001/06/28 20:48 |
| - | 1 | 6193738.pn. | USPAT; US-PGPUB | 2001/06/28 20:48 |
| - | 30 | ("Re32983" "Re33561" "4413989" "4456000" "4490421" "4906241" "4906244" "4963313" "5087394" "5108415" "5156612" "5163989" "5270086" "5304340" "5334146" "5358486" "5415635" "5443495" "5447497" "5470313" "5512051" "5514092" "5556383" "5587125" "5681522" "5733301" "5746644" "5797878" "5807520" "5826588").PN. | USPAT; US-PGPUB | 2001/06/28 20:48 |
| - | 1 | 5797878.pn. | USPAT; US-PGPUB | 2001/06/28 22:46 |
| - | 2 | ("6193738" "6024752").pn. | USPAT; US-PGPUB | 2001/12/17 09:29 |
| - | 22 | ("Re32983" "Re33561" "4413989" "4456000" "4490421" "4906244" "4963313" "5087394" "5108415" "5156612" "5270086" "5304340" "5334146" "5358486" "5415635" "5443495" "5447497" "5470313" "5512051" "5514092" "5556383" "5733301").PN. | USPAT; US-PGPUB | 2001/12/17 14:09 |
| - | 0 | 6024752.URPN. | USPAT; US-PGPUB | 2001/12/17 14:53 |
| - | 30 | ("Re32983" "Re33561" "4413989" "4456000" "4490421" "4906241" "4906244" "4963313" "5087394" "5108415" "5156612" "5163989" "5270086" "5304340" "5334146" "5358486" "5415635" "5443495" "5447497" "5470313" "5512051" "5514092" "5556383" "5587125" "5681522" "5733301" "5746644" "5797878" "5807520" "5826588" "Re32983" "Re33561" "4413989" "4456000" "4490421" "4906241" "4906244" "4963313" "5087394" "5108415" "5156612" "5163989" "5270086" "5304340" "5334146" "5358486" "5415635" "5443495" "5447497" "5470313" "5512051" "5514092" "5556383" "5587125" "5681522" "5733301" "5746644" "5797878" "5807520" "5826588").PN. | USPAT; US-PGPUB | 2001/12/17 14:53 |
| - | 0 | 6193738.URPN. | USPAT; US-PGPUB | 2001/12/17 16:08 |
| - | 0 | 6024752.URPN. | USPAT; US-PGPUB | 2001/12/17 16:09 |
| - | 1 | 5733301.pn. | USPAT; US-PGPUB | 2001/12/17 17:26 |
| - | 434 | (grinding ground) with balloon\$2 | USPAT; US-PGPUB | 2001/12/17 17:31 |
| - | 7 | ((grinding ground) with balloon\$2) and waist | USPAT; US-PGPUB | 2001/12/17 20:14 |
| - | 284 | ((grinding ground) with balloon\$2) and (con\$4 tap\$5) | USPAT; US-PGPUB | 2001/12/17 20:23 |
| - | 163 | ((grinding ground) with balloon\$2) and (cone conic tap\$5 conical) | USPAT; US-PGPUB | 2001/12/17 20:18 |
| - | 1 | ((grinding ground) with balloon\$2) and (tapered) | USPAT; US-PGPUB | 2001/12/17 20:46 |
| - | 1 | ((grinding ground) with balloon\$2) and (tapper\$3) | USPAT; US-PGPUB | 2001/12/17 20:23 |

| | | | | |
|---|-----|--|--------------------|------------------|
| - | 284 | ((((grinding ground) with balloon\$2) and (con\$4 tap\$5)) (((grinding ground) with balloon\$2) and (cone conic tap\$5 conical)) (((grinding ground) with balloon\$2) and (tappered)) (((grinding ground) with balloon\$2) and (tapper\$3))) | USPAT; US-PGPUB | 2001/12/17 20:35 |
| - | 90 | ((((grinding ground) with balloon\$2) and (con\$4 tap\$5)) (((grinding ground) with balloon\$2) and (cone conic tap\$5 conical)) (((grinding ground) with balloon\$2) and (tappered)) (((grinding ground) with balloon\$2) and (tapper\$3))) and thick\$4 | USPAT; US-PGPUB | 2001/12/17 20:36 |
| - | 58 | ((grinding ground) with balloon\$2) and (taper\$3) | USPAT; US-PGPUB | 2001/12/17 20:46 |
| - | 30 | ((((grinding ground) with balloon\$2) and (taper\$3)) not ((((grinding ground) with balloon\$2) and (con\$4 tap\$5)) (((grinding ground) with balloon\$2) and (cone conic tap\$5 conical)) (((grinding ground) with balloon\$2) and (tappered)) (((grinding ground) with balloon\$2) and (tapper\$3))) and thick\$4) | USPAT; US-PGPUB | 2001/12/17 21:25 |
| - | 419 | balloon and waist | USPAT; US-PGPUB | 2001/12/17 21:26 |
| - | 266 | (balloon and waist) and thick\$4 | USPAT; US-PGPUB | 2001/12/17 21:27 |
| - | 259 | ((balloon and waist) and thick\$4) not ((((((grinding ground) with balloon\$2) and (con\$4 tap\$5)) (((grinding ground) with balloon\$2) and (cone conic tap\$5 conical)) (((grinding ground) with balloon\$2) and (tappered)) (((grinding ground) with balloon\$2) and (tapper\$3))) and thick\$4) (((grinding ground) with balloon\$2) and (taper\$3)) not ((((((grinding ground) with balloon\$2) and (con\$4 tap\$5)) (((grinding ground) with balloon\$2) and (cone conic tap\$5 conical)) (((grinding ground) with balloon\$2) and (tappered)) (((grinding ground) with balloon\$2) and (tapper\$3))) and thick\$4))) | USPAT; US-PGPUB | 2001/12/17 21:30 |
| - | 96 | (balloon and waist) and (balloon with thick\$4) | USPAT; US-PGPUB | 2001/12/17 21:31 |
| - | 92 | ((balloon and waist) and (balloon with thick\$4)) not (((((((grinding ground) with balloon\$2) and (con\$4 tap\$5)) (((grinding ground) with balloon\$2) and (cone conic tap\$5 conical)) (((grinding ground) with balloon\$2) and (tappered)) (((grinding ground) with balloon\$2) and (tapper\$3))) and thick\$4) (((grinding ground) with balloon\$2) and (taper\$3)) not ((((((grinding ground) with balloon\$2) and (con\$4 tap\$5)) (((grinding ground) with balloon\$2) and (cone conic tap\$5 conical)) (((grinding ground) with balloon\$2) and (tappered)) (((grinding ground) with balloon\$2) and (tapper\$3))) and thick\$4))) | USPAT; US-PGPUB | 2001/12/17 21:40 |
| - | 60 | balloon and waist and cone | USPAT; US-PGPUB | 2001/12/17 21:40 |
| - | 45 | (balloon and waist and cone) and thickness | USPAT; US-PGPUB | 2001/12/17 22:10 |
| - | 0 | ("5826588" "4906241" "4963313").pn. and cone and waist and balloon | USPAT; US-PGPUB | 2001/12/17 22:12 |
| - | 1 | ("5826588" "4906241" "4963313").pn. and balloon and cone | USPAT; US-PGPUB | 2001/12/17 22:12 |
| - | 0 | ("5826588" "4906241" "4963313").pn. and balloon and waist | USPAT; US-PGPUB | 2001/12/17 22:12 |
| - | 3 | ("5826588" "4906241" "4963313").pn. and balloon | USPAT; US-PGPUB | 2001/12/17 23:18 |
| - | 1 | ("6024752").pn. | USPAT; US-PGPUB | 2001/12/17 23:39 |
| - | 22 | ("Re32983" "Re33561" "4413989" "4456000" "4490421" "4906244" "4963313" "5087394" "5108415" "5156612" "5270086" "5304340" "5334146" "5358486" "5415635" "5443495" "5447497" "5470313" "5512051" "5514092" "5556383" "5733301").PN. | USPAT; US-PGPUB | 2001/12/17 23:39 |

| | | | | |
|---|----|---|---|------------------|
| - | 2 | ("6193738").pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/12/18 00:15 |
| - | 30 | ("Re32983" "Re33561" "4413989" "4456000" "4490421" "4906241" "4906244" "4963313" "5087394" "5108415" "5156612" "5163989" "5270086" "5304340" "5334146" "5358486" "5415635" "5443495" "5447497" "5470313" "5512051" "5514092" "5556383" "5587125" "5681522" "5733301" "5746644" "5797878" "5807520" "5826588").PN. | USPAT; US-PGPUB | 2001/12/17 23:44 |
| - | 3 | ("5807520").pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/12/18 00:16 |
| - | 1 | ("5807520").pn. | USPAT; US-PGPUB | 2001/12/18 00:38 |
| - | 0 | (2001/0011178).pn. | US-PGPUB | 2001/12/18 00:39 |
| - | 0 | 2001/0011178 | US-PGPUB | 2001/12/18 00:39 |
| - | 1 | "20010011178" | US-PGPUB | 2001/12/18 00:45 |
| - | 0 | 5733301.pn. | US-PGPUB | 2001/12/18 00:45 |
| - | 1 | 5733301.pn. | USPAT; US-PGPUB | 2001/12/18 00:45 |
| - | 0 | 5826588.pn. and grind\$4 | USPAT; US-PGPUB | 2001/12/18 08:57 |
| - | 0 | 5733301.pn. and grind\$4 | USPAT; US-PGPUB | 2001/12/18 08:58 |
| - | 1 | 5733301.pn. | USPAT; US-PGPUB | 2001/12/18 08:58 |